

The 13th International Conference on Radiation Effects in Insulators (REI-2005)

Aug 28-Sept 2, 2005
Santa Fe, New Mexico

First Announcement

REI-2005 will be the 13th international symposium in a series of conferences dedicated to research relating to radiation effects in insulators and non-metallic materials. This meeting is convened every other year, most recently in Gramado - Rio Grande do Sul, BRAZIL, August 31 - September 5, 2003.

REI-2005 sessions will review recent developments in the following topical areas related to radiation effects in insulators:

- fundamentals, theory and computer simulations
- ion - solid interactions and ion-beam modification
- laser - insulator interactions
- simple and complex oxides
- metal carbide and nitride compounds
- polymers
- nanocomposites and nanostructured materials
- glasses and silica
- swift heavy ion irradiations
- neutron irradiations
- applications (optoelectronics, optics, polymers, biomaterials, nuclear)

In addition, intriguing new developments and opportunities in research areas related to nuclear fuel forms, nuclear waste forms, and components materials for fusion and next generation fission reactors are solicited. One or more special sessions will be focused on recent developments regarding (1) the use of ceramics as so-called inert or non-fertile matrices for nuclear fuels designed to transmute unwanted nuclear materials such as surplus plutonium or highly-radioactive spent nuclear fuel products; (2) advances in ceramics and glasses as matrices for the immobilization and disposal of surplus nuclear materials; (3) and ceramics for next-generation nuclear reactors.

Important Dates:

Abstract Deadline: Friday, April 8, 2005

To submit an abstract, go to: http://www.lanl.gov/mst/rei_2005/abstracts/
Using the template provided at the link above, submit your abstract via e-mail to: REI-2005@lanl.gov

Pre-Registration Deadline: Friday, June 10, 2005

Download the registration form at http://www.lanl.gov/mst/rei_2005/registration/
and mail or FAX your completed registration form to:

Los Alamos National Laboratory / REI-2005
ATTN: Christina Martinez
P.O. Box 1663, MS G755, Los Alamos, NM 87545 USA
Fax: +1-505-667-8021

U.S. Visa Application Deadline:

(for foreign attendees) May 28, 2005 or 3 months prior to arrival date in U.S.

We suggest that you visit the International Visitors Office website:
<http://www.nationalacademies.org/visas>
for answers to questions concerning visa applications.

REI-2005 website is at: http://www.lanl.gov/mst/rei_2005/

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